

09/787614





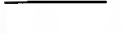

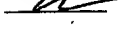
Page 1 of 2

<b>INFORMATION DISCLOSURE STATEMENT PTO-1449</b>	Atty. Docket No. 010347	Serial No. New Appln.
	Applicant(s): Kiyofumi TAKEUCHI et al.	
	Filing Date: March 20, 2001	Group Art Unit:

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
<u>h</u>	AA	4,133,647	Coates et al.			09/12/78
<u>h</u>	AB	4,391,731	Boller et al.			07/05/83
<u>h</u>	AC	5,084,204	Reiffenrath et al.			01/28/92
<u>h</u>	AD	5,252,253	Gray et al.			10/12/93
<u>h</u>	AE	5,374,374	Weber et al.			12/20/94
<u>h</u>	AF	5,523,127	Ohnishi et al.			06/04/96
<u>h</u>	AG	5,942,648	Coates et al.			08/24/99

**FOREIGN PATENT DOCUMENTS**

	Document No.	Date	Country	Translation (Yes or No)	
	AH	4-504571	08/13/92	Japan	No. See PCT search report
	AI	2 238 309A	05/29/91	GB	See PCT search report.
	AJ	WO 90/08119	07/26/90	PCT	Yes. See PCT search report.
	AK	1-160924	06/23/89	Japan	No. See PCT search report.
	AL	DE 38 37 208	05/24/89	Germany	No. See PCT search report.
	AM	53-22882	03/02/78	Japan	No. See PCT search report.
	AN	DE 27 36 525	03/02/78	Germany	No. See PCT search report.

**OTHER DOCUMENTS**





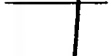
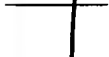

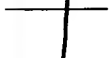
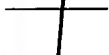
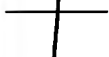









<u>h</u> AO	V. VILL et al.; J. Mater Chem. Vol. 7, pp.893-899, 1997. See PCT search report.
<u>h</u> AP	A.I. PAVLUCHENKO et al.; Mol. Cryst. Liq. Cryst., Vol. 209, pp.225-235, 1991. See PCT search rpt.

Examiner <u>Shaw</u>	Date Considered <u>11/5/03</u>
----------------------	--------------------------------

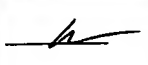

JC-17 Rec'd PCT/PTO 20 MAR 2001

<b>INFORMATION DISCLOSURE STATEMENT PTO-1449</b>	Atty. Docket No. 010347	Serial No. <b>09/787614</b> New Appm.
	Applicant(s): Kiyofumi TAKEUCHI et al.	
	Filing Date: March 20, 2001	Group Art Unit:

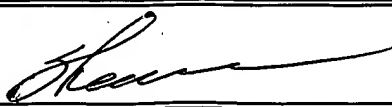
**FOREIGN PATENT DOCUMENTS**

	Document No.	Date	Country	Translation (Yes or No)	
	BA	2 361 455	03/10/78	France	No. See PCT search report.
	BB	61-282345	12/12/86	Japan	No. See PCT search report.
	BC	0 205 340	12/17/86	EPO	Yes. See PCT search report.
	BD	61-134364	06/21/86	Japan	No. See PCT search report.
	BE	57-54130	03/31/82	Japan	No. See PCT search report.
	BF	0 047 817	03/24/82	EPO	No. See PCT search report.
	BG	2 082 179	03/03/82	UK	See PCT search report.
	BH	59-141527	08/14/84	Japan	No. See PCT search report.
	BI	2-271 771	04/27/94	UK	See PCT search report.
	BJ	11-302207	11/02/99	Japan	No. See PCT search report.
	BK	0 952 135	10/27/99	EPO	Yes. See PCT search report.
	BL	4-283291	10/08/92	Japan	No. See PCT search report.
	BM	40 32 579	04/16/92	Germany	No. See PCT search report.
	BN	0 481 293	10/03/91	EPO	No. See PCT search report.
	BO	5-341273	12/24/93	Japan	No. See PCT search report.
	BP	0 575 791	12/29/93	EPO	Yes. See PCT search report.
	BQ	WO 94/03558	02/17/94	PCT	Abstract. See PCT search report.
	BR	0 656 412	06/07/95	EPO	Yes. See PCT search report.
	BS	9-59623	03/04/97	Japan	No. See PCT search report.

**OTHER DOCUMENTS**

	BT	Marco CEREGHETTI et al.; Helvetica Chimica Acta - Vol. 65, Fasc.4, pp. 1318-1331, 1982. See PCT search report.
	BU	T. A. LOBKYO et al.; Liquid Crystals, Vol. 15, No. 3, pp. 361-376, 1993. See PCT search report.

Examiner



Date Considered

11/5/03